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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/727,614	12/05/2003	Marc Dymetman	115798	7899
27074 7590 12/26/2007 OLIFF & BERRIDGE, PLC. P.O. BOX 320850 ALEXANDRIA, VA 22320-4850			EXAMINER RIDER, JUSTIN W	
			ART UNIT 2626	PAPER NUMBER
			NOTIFICATION DATE 12/26/2007	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

OfficeAction27074@oliff.com  
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## Office Action Summary

Application No.

10/727,614

Applicant(s)

DYMETMAN ET AL.

Examiner

Justin W. Rider

Art Unit

2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 16 October 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-18 is/are allowed.
- 6) ☒ Claim(s) 19 and 22 is/are rejected.
- 7) ☒ Claim(s) 20 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

***Response to Amendment***

1. In response to the Office Action mailed 23 August 2007, applicant submitted a response filed 16 October 2007. Applicant also submitted a Declaration under 37 C.F.R. §1.131 demonstrating that the presently claimed subject matter was indeed invented prior to the invention disclosed in **Max** (previously used as a secondary reference).

***Response to Arguments***

2. Applicant's arguments with respect to claims 19 and 22 filed 16 October 2007 have been fully considered but they are not persuasive. Claims 19 and 21-22 do not mention the use of semantic grammars but merely converting input short notes [keywords] into text realizations. As such, the rejections of these claims do not rely on the disclosure of **Max** and are accordingly rejection for the same rationale as in the prior Office action.

***Specification***

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

The following title is suggested: "Semantic Stenography using Short Note Input Data".

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 19 and 22 are rejected under 35 U.S.C. 102(b) as being anticipated by **Borovoy et al. (US Patent No. 5,873,107)** referred to as **Borovoy** hereinafter.

Claims 19 and 22: **Borovoy** discloses a system and computer program for processing input text, comprising:

- i. means for inputting short notes (col. 3, lines 15-18, *'the author enters text in one portion of the user interface. Keywords are extracted from the text as the author enters the text and are used as query words, '*);
- ii. means for generating and outputting a global text realization based on the short notes (col. 4, lines 15-17, *'in the preferred embodiment of the present invention he can select a returned portion to see the rest of the document return. '*).

#### ***Allowable Subject Matter***

6. Applicant's arguments, see pages 2-3, filed 16 October 2007, with respect to independent claims 1, 11 and 21 have been fully considered and are persuasive. The rejection of 23 August 2007 has been withdrawn.

Claims 1-18 and 21 are allowed. The following is an examiner's statement of reasons for allowance: Conventional real-time transcription systems do not recognize recurring information and all of the conventions. Therefore, being able to convert short notes into complete grammatical texts, so that individuals receive a complete textual summary in concise, well-formed sentences of information communicated orally, would be desirable. Therefore, applicant discloses a document authoring system wherein short notes (e.g. admin assistant, 2 years

experience) or keywords (e.g. telephone, Outlook) are used to create semantically-coherent grammatical text documents (e.g. a job hiring description).

Similarly, **Borovoy** discloses the ability to allow an author to continuously retrieve information potentially relevant to the text he/she is authoring. That is, the author enters text in one portion of a user interface, key words are then extracted from the text and used as query words for an information retrieval mechanism, and such information is displayed in a second portion of the user interface (see abstract).

While **Borovoy** is similar, the claimed subject matter within the instant application requires receiving short note input data, using a semantic grammar to generate semantic structure, producing with a first realization grammar a plurality of local text realizations from the semantic structure. This includes converting the short note input data from short notes into complete grammatical texts (e.g. complete sentences). **Borovoy** fails to teach or suggest taking text (i.e., short note text) entered by a user and thereafter converting the short notes into complete grammatical texts. **Borovoy** merely discloses taking key words from text and providing the author with information about each of the key words. **Borovoy** does not use existing authored documents to re-create or "author" texts as previously cited.

Claim 20 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. See the reasoning above.

*Conclusion*

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Justin W. Rider whose telephone number is (571) 270-1068. The examiner can normally be reached on Monday - Friday 7:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David R. Hudspeth can be reached on (571) 272-7843. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

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Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

J.W.R.  
12 December 2007

  
**DAVID HUDSPETH**  
**SUPERVISORY PATENT EXAMINER**  
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